Dronova–Plant diversity & change in complex environments

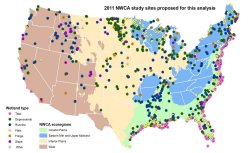
Iryna Dronova, Associate Professor, University of California Berkeley

Collaborators (current & past): Dr. Sophie Taddeo, Kendall Harris, Nick Depsky, Skyler Lewis

Linking national-scale wetland plant diversity with remotely sensed indicators of ecosystem function, phenology, and long-term change:

Wetland plant diversity: relationships with satellite greenness

- Monitoring plant diversity & its change in limited-access environments



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The potential of satellite greenness to predict plant diversity among wetland types, ecoregions, and disturbance levels

Sophie Taddeo, Iryna Dronova, Kendall Harris.

First published: 25 June 2019 | https://doi.org/10.1002/eap.1961 | Citations: 4

Corresponding Editor: Nancy F. Glenn.

Remote Sensing of Environment
Volume 234, 1 December 2019, 111467

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Sophie Taddeo, Iryna Dronova, Nicholas Depsky

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Plant diversity & spatial heterogeneity of spectral indicators

- Contributions of plant diversity & landscape heterogeneity to wetland spectral-spatial patterns
- Implications of image spatial resolution

ISPRS Journal of Photogrammetry and Remote Sensing
Volume 175, May 2021, Pages 236-246

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Sophie Taddeo, Iryna Dronova, Kendall Harris

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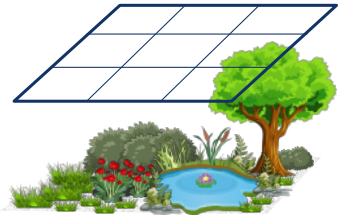
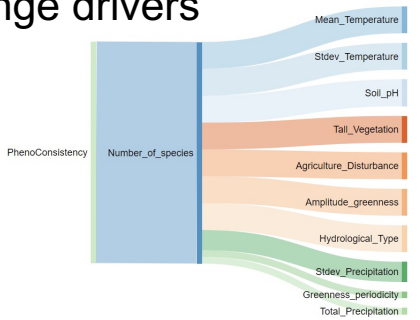
Links between plant diversity & stability of ecosystem phenology

- New insights into biodiversity contributions to stability of ecosystem function & change responses at policy-relevant scales
- New perspectives on wetland responses to climatic & other change drivers





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